

1419978

<https://www.phoenixcontact.com/us/products/1419978>

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1\*12-insert 3U module, type: 19"-rack mount patch module, degree of protection: IP20, number of positions: 1\*12, marking material: aluminum, color: gray

Your advantages

- Compact design with MT ferrule
- Plug-and-play
- Front release without special tool
- All connections on the front side
- Space-saving module insert with high packing density
- Can be flexibly installed in module carrier
- Easy to extend with the modular design

Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1419978             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | AB15                |
| Product key                          | ABNHAC              |
| Catalog page                         | Page 390 (C-2-2019) |
| GTIN                                 | 4055626198286       |
| Weight per piece (including packing) | 366.5 g             |
| Weight per piece (excluding packing) | 350 g               |
| Customs tariff number                | 85367000            |
| Country of origin                    | CN                  |

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## Technical data

### Product properties

|                        |                         |
|------------------------|-------------------------|
| Product type           | Network distributor box |
| Housing type           | Component housing       |
| Type                   | 3RU                     |
| Sensor type            | Ethernet                |
| Number of positions    | 12                      |
| No. of cable outlets   | 0                       |
| Number of module slots | 6                       |
| Protective cover       | yes                     |

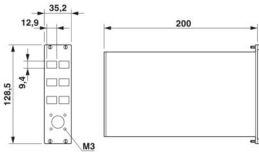
### Data management status

|                  |    |
|------------------|----|
| Article revision | 01 |
|------------------|----|

### Electrical properties

|                     |                       |
|---------------------|-----------------------|
| Attenuation         | typ. 0.35 dB          |
|                     | max. 0.6 dB           |
| Transmission medium | Multi-mode fiberglass |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 35.2 mm                                                                              |
| Height              | 128.5 mm                                                                             |
| Depth               | 200 mm                                                                               |

### Material specifications

|                                        |                     |
|----------------------------------------|---------------------|
| Color                                  | gray                |
| Flammability rating according to UL 94 | V0                  |
| Ferrule material                       | Zirconia ceramics   |
| Housing material                       | Aluminum alloy      |
| Housing surface material               | Powder-coated, gray |
| Outer sheath, material                 | LSFH                |

### Cable/line

|                        |                              |
|------------------------|------------------------------|
| Cable type             | Multimode fiberglass         |
| Cable type             | Fan out                      |
| Outer sheath, material | LSFH                         |
| Halogen-free           | complying with IEC 60754-1/2 |

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## FO cable

|                     |                                  |
|---------------------|----------------------------------|
| Number of fibers    | 12                               |
| Fiber               | 62.5/125 µm OM1                  |
| Fiber type          | Multimode fiberglass 62.5/125 µm |
| Attenuation         | typ. 0.15 dB                     |
| Transmission medium | Multi-mode fiberglass            |

## Mechanical properties

## Mechanical data

|                             |                                           |
|-----------------------------|-------------------------------------------|
| Insertion/withdrawal cycles | ≥ 500 (In the event of repeated cleaning) |
|-----------------------------|-------------------------------------------|

## Characteristics

|             |              |
|-------------|--------------|
| Attenuation | typ. 0.35 dB |
|-------------|--------------|

## Environmental and real-life conditions

## Ambient conditions

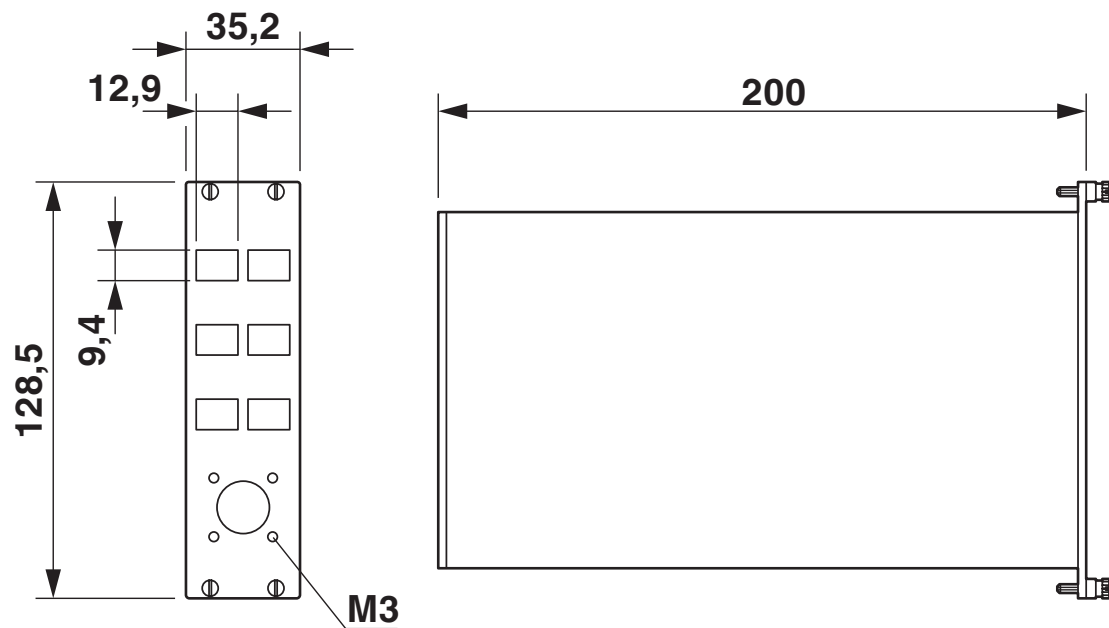
|                                 |                                   |
|---------------------------------|-----------------------------------|
| Degree of protection            | IP20                              |
|                                 | IP20                              |
|                                 | IP67                              |
| Ambient temperature (operation) | -40 °C ... 85 °C (IEC 61300-2-22) |

## Mounting

|               |                |
|---------------|----------------|
| Mounting type | Screw mounting |
|---------------|----------------|

## Drawings

Dimensional drawing



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440102 |
| ECLASS-12.0 | 27440116 |
| ECLASS-13.0 | 19170113 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002635 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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Environmental product compliance

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| EU RoHS                                 |                                          |
| Fulfills EU RoHS substance requirements | Yes, No exemptions                       |
| China RoHS                              |                                          |
| Environment friendly use period (EFUP)  | EFUP-E                                   |
|                                         | No hazardous substances above the limits |
| EU REACH SVHC                           |                                          |
| REACH candidate substance (CAS No.)     | No substance above 0.1 wt%               |

# FOC-MODUL:3U-OS12-LCD6-OM1 - Module



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## Accessories

### FOC-FR19:3U - 19" mounting frame

1419976

<https://www.phoenixcontact.com/us/products/1419976>

19" mounting frame, design: 19" rack/fixed housing, degree of protection: IP20, material: Aluminum alloy, color: gray



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### FOC-OP12-OP12-GL02/10 - Connecting cable

1415353

<https://www.phoenixcontact.com/us/products/1415353>

Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 12



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